GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:3422
ANSWERED ON:21.12.2004
HARVESTING OF RAIN WATER
Chandel Shri Suresh

Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) wether the Government proposes to harvest rain water on the roof top of the houses in the States keeping in view the shortage of water in the country;

(b) if so, the details thereof, State-wise; and

(c) the steps taken by the Government to prevent the rain water going into sea and making it useful for other purposes?

Answer

MINISTER OF PARLIAMENTARY AFFAIRS AND URBAN DEVELOPMENT (SHRI GHULAM NABI AZAD)

(a)&(b): Central Ground Water Board under the Ministry of Water Resources has formulated a Centrally Sponsored Scheme for Artificial Recharge to Ground Water and Rain Water Harvesting for implementation during the remaining part of the Tenth Five Year Plan. It envisages construction of various types of rainwater harvesting and artificial recharge structures, including roof top rain water harvesting systems in various States. The scheme has not yet been approved by the Union Government.

(c): The above scheme also envisages to utilize surplus monsoon runoff to recharge and augment ground water storage. This would help in minimizing the flow of rain water towards the sea. The Central Ground Water Board has reported to have implemented a Central Sector Scheme of `Rain Water Harvesting and Artificial Recharge to Ground Water` during the IX Plan. State-wise details of scheme implemented and funds released is given in Annexure I.

Ministry o f Urban Development has circulated the literature / guidelines on rain-water harvesting provided by Ministry of Water Resources / Central Ground Water Board (CGWB) to all States / Union Territories for adoption in those areas where there has been sharp decline in the ground water level. State Governments have also been advised to make a beginning in the existing Government offices / buildings and housing complexes and to make it mandatory for all new buildings by amending the building by-laws. This Ministry has also issued a notification for amending the Unified Building Bye-laws of Delhi, 1983 on 28.7.01 which makes it mandatory for water harvesting through storing of water runoff, including rain water, in all new buildings on plots of 100 sq. metres and above. Likewise all buildings having minimum discharge of 10,000 litres and above per day shall incorporate water recycling system. The recycled water should be used for horticultural purpose.

Annexure referred to in reply to Lok Sabha USQ No.3422 for 21.12.2004.

ANNEXURE-I

STATE WISE DETAILS OF ARTIFICIAL RECHARGE PROJECTS UNDER CENTRAL SECTOR SCHEME `RECHARGE TO GROUND WATER` IMPLEMENTED DURING IX PLAN.

Sl. No.	State	No. of schemes sanctioned	Cost of schemes approved in lakhs	No. of schemes completed	No. of schemes in progress	No. of schemes dropped
1.	ANDHRA PRADESH	10	54.55	10	0	0
2.	ARUNACHAL PD.	1	20.00	1	0	0
3.	ASSAM	1	63.50	1	0	0
4.	BIHAR	2	10.52	1	0	1
5.	CHHHATTISGARH	7	64.23	7	0	0
6.	DELHI	18	96.07	15	1	2
7	GUJARAT	3	20.05	3	0	0
8.	HARYANA	8	107.17	4	4	0
9.	HIMACHAL PD.	6	81.65	6	0	0
10.	J & K	8	78.96	7	1	0
11.	JHARKHAND	5	25.73	3	0	2
12.	KARNATAKA	2	43.30	2	0	0
13.	KERALA	13	88.18	13	0	0

14.	MADHYA PD.	5	53.85	5	0	0
15.	MAHARASHTRA	4	126.63	3	0	1
16.	MEGHAYALA	1	20.32	1	0	0
17.	MIZORAM	1	28.00	1	0	0
18.	NAGALAND	3	116.43	3	0	0
19.	ORISSA	8	1508.29	3	4	1
20.	PUNJAB	17	361.92	17	0	0
21.	RAJASTHAN	18	122.80	18	0	0
22.	TAMIL NADU	10	161.14	10	0	0
23.	UTTAR PD.	10	139.07	7	2	1
24.	UTTARANCHAL	1	2.00	1	0	0
25.	WEST BENGAL	7	154.09	4	2	1
26.	A&N ISLANDS	3	12.92	1	2	0
27.	LAKSHDEEP	2	19.85	2	0	0
Total		174	3581.22	149	16	9